



CAIT

Center for Advanced Infrastructure & Transportation
Rutgers, The State University of New Jersey

NJDOT Bureau of Research
QUARTERLY PROGRESS REPORT

Project Title:	Implementation of Weigh-In-Motion (WIM) Systems		
RFP NUMBER:	NJDOT RESEARCH PROJECT MANAGER: W. Lad Szalaj		
TASK ORDER NUMBER: 92 / 4-23941	PRINCIPAL INVESTIGATOR: Dr. Ali Maher		
Study Start Date: 06/14/2000 Original Study End Date: 12/31/2003 Modified Completion Date: 6/30/2005	Period Covered: 2 nd Quarter 2005		

Task	% of Total	% of Task this quarter	% of Task to date	% of Total Complete
Literature Search	10%	0%	100%	10%
1. Packaging	17%	0%	100%	17%
2. Testing	14%	0%	100%	14%
3. Site Determination	11%	0%	100%	11%
4. Field Implementation & Calibration	16%	0%	93%	14.88%
5. Monitoring and Analysis	22%	0%	30%	6.6%
Final Report	10%	10%	1%	1%

1. Progress this quarter by task:

- A. Work was started on the Technical Report.
- B. The asphalt samples were prepared, however due to an error in the mix design the first batch had to be replaced. The second batch was fine and the bricks were prepared. The bricks were saw cut and prepared for sensor embedment. The samples should be completely prepared and ready to be tested by June 10th.

2. Proposed activities for next quarter by task:

- A. Conduct a laboratory tensile experiment to determine the effects of top-down cracking.

3. List of deliverables provided in this quarter by task (product date):

N/A

4. Progress on Implementation and Training Activities:

N/A

5. Problems/Proposed Solutions:

The potential site of the new installation had to be changed due to material properties of the pavement and also the weather prevented a winter installation from occurring.

Total Project Budget	\$194,500.00
Modified Contract Amount:	
Total Project Expenditure to date	\$104,251
% of Total Project Budget Expended	54%

* These are approximate expended amounts for the project; these estimates are for reference only and should not be used for official accounting purposes. For a more accurate project accounting please review the quarterly invoice for this project.